In the Claims:

1. - 57. (Canceled).

58. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; and an adjustable member having a surface that is positionable to selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust axial movement of said at least one piston~~, wherein the adjustable member is adjustable from outside the valve actuator, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

59. (Withdrawn) The valve actuator of claim 58, wherein said adjustable member defines a one-piece actuator inlet port.

60. (Withdrawn) The valve actuator of claim 58, wherein said adjustable member defines one piece of a two-piece actuator inlet port.

61. - 67. (Canceled).

68. (Previously presented) The valve actuator of claim 58, wherein said adjustable member comprises a first set screw that is threadably engaged with said actuator housing.

69. (Withdrawn) The valve actuator of claim 68, further comprising a securing mechanism for preventing rotation of said first set screw.

70. (Withdrawn) The valve actuator of claim 69, wherein said securing mechanism comprises a second set screw, assembled to the actuator housing to engage said first set screw.

71. (Withdrawn) The valve actuator of claim 59, wherein said adjustable member comprises a shaft that engages said at least one piston to limit axial movement of said at least one piston.

72. (Withdrawn) The valve actuator of claim 60, wherein said adjustable member comprises a shaft that engages said at least one piston to limit axial movement of said at least one piston.

73. (Previously presented) The valve actuator of claim 58, further comprising a biasing member that biases said at least one piston with respect to said adjustable member.

74. (Withdrawn) The valve actuator of claim 58, wherein said valve actuator is assembled to a valve comprising a valve member and a valve seat, such that said piston is coupled to the valve member to control movement of the valve member with respect to the valve seat.

75. (Withdrawn) The valve actuator of claim 74, wherein said adjustable member is adapted to limit movement of the valve member in an opening direction.

76. (Withdrawn) The valve actuator of claim 74, further comprising a spring adapted to bias the valve member in a closing direction.

77. (Previously presented) The valve actuator of claim 58, wherein said adjustable member engages a stem portion of the piston.

78. (Previously presented) The valve actuator of claim 58, wherein said at least one piston comprises a flow channel for passage of fluid applied to the actuator inlet port.

79. (Previously presented) The valve actuator of claim 58, wherein the actuator housing comprises an end cap adapted to receive said adjustable member.

80. (Previously presented) The valve actuator of claim 79, wherein the end cap is assembled to a base portion of said actuator housing.

81. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; and an adjustable member having a surface that is positionable to selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust axial movement of said at least one piston~~, wherein the adjustable member comprises a first set screw assembled to an actuator inlet port, the adjustable member being adjustable from outside the valve actuator, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

82. (Withdrawn) The valve actuator of claim 81, further comprising a securing mechanism for preventing rotation of said first set screw.

83. (Withdrawn) The valve actuator of claim 81, wherein said securing mechanism comprises a second set screw, assembled to the actuator inlet port to engage said first set screw.

84. (Previously presented) The valve actuator of claim 81, further comprising a biasing member that biases said at least one piston with respect to said adjustable member.

85. (Withdrawn) The valve actuator of claim 81, wherein said valve actuator is assembled to a valve comprising a valve member and a valve seat, such that said piston is coupled to the valve member to control movement of the valve member with respect to the valve seat.

86. (Withdrawn) The valve actuator of claim 85, wherein said adjustable member is adapted to limit movement of the valve member in an opening direction.

87. (Withdrawn) The valve actuator of claim 85, further comprising a spring adapted to bias the valve member in a closing direction.

88. (Previously presented) The valve actuator of claim 81, wherein said adjustable member engages a stem portion of the piston.

89. (Previously presented) The valve actuator of claim 81, wherein said at least one piston comprises a flow channel for passage of fluid applied to the actuator inlet port.

90. (Previously presented) The valve actuator of claim 81, wherein the actuator housing comprises an end cap adapted to receive said adjustable member.

91. (Previously presented) The valve actuator of claim 90, wherein the end cap is assembled to a base portion of said actuator housing.

92. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; an adjustable member having a surface that is positionable to selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust~~

~~axial movement of said at least one piston~~, and a spring that biases said at least one piston away from said adjustable member, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

93. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; an adjustable member having a surface that is positionable to selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust axial movement of said at least one piston~~; and a spring that biases said at least one piston away from said adjustable member, wherein the adjustable member comprises a first set screw assembled to an actuator inlet port, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

94. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; an adjustable member having a surface that is positionable to selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust axial movement of said at least one piston~~, and a biasing member that biases said at least one piston with respect to said adjustable member, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

95. (Previously presented) The valve actuator of claim 94, wherein the biasing member comprises a spring.

96. (Previously presented) The valve actuator of claim 94, wherein the biasing member biases said at least one piston away from said adjustable member.

97. (Currently amended) A valve actuator comprising ~~including~~: at least one piston contained within an actuator housing; an adjustable member having a surface that is positionable to

selectively ~~engages~~ set a limit position where at least a portion of said at least one piston engages the adjustable member to stop the at least one piston at the limit position ~~to selectively adjust axial movement of said at least one piston~~; and a biasing member that biases said at least one piston with respect to said adjustable member, wherein the adjustable member comprises a first set screw assembled to an actuator inlet port, wherein the adjustable member is configured to communicate pressurized fluid through an opening in the adjustable member against the at least one piston to move the at least one piston against at least atmospheric pressure and towards the limit position.

98. (Previously presented) The valve actuator of claim 97, wherein the biasing member comprises a spring.

99. (Previously presented) The valve actuator of claim 97, wherein the biasing member biases said at least one piston away from said adjustable member.

100. (New) The valve actuator of claim 58, wherein the at least one piston comprises first and second pistons.

101. (New) The valve actuator of claim 58, wherein the at least one piston comprises a piston opening configured to communicate pressurized fluid through the piston opening and against a surface of the at least one piston facing away from the limit position.